

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning on page 1, line 3 as follows:

Cross-Reference to Related Application(s)

This application is a continuation of U.S. Patent No. 09/748,765, filed on December 26, 2000, now issued as U.S. Patent No. 6,611,712, the specification of which is incorporated herein by reference.

Please amend the paragraph beginning on page 8, line 19 as follows:

Still referring to Fig. [[1]] 3, the electrodes are connected to the sense amplifiers and pulse generators by means of a switching circuit 70 which enables the amplifiers and pulse generators to be connected to selected tip or ring electrodes of any of the sensing/stimulation channels that connect through the switching circuit 70, as well as to the device housing or can 60, which is also electrically connected to the switching circuit. The configuration of the switching circuit 70 is preferably implemented as an array of MOSFET transistors controlled by outputs of the controller 10. Switching circuit 70 enables any of the tip or ring electrodes of the sensing channels or the device housing to be used as a cathode or anode.